

Amr Elnaggar

Frontend and Fullstack Engineer

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SKILLS

• Frontend:

In-depth: React, Next.js, Conext API, React Query, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind, Jest, React testing library, Storybook, Redux, Radix UI

Familiar: Angular, React Native, Electron

• Backend:

Familiar: Java, Spring Framework, Spring boot, Node.js, MongoDB, MySQL, Postgres

• DevOps & Cloud:

Docker, Git, GitHub Actions, GitLab CI/CD, AWS (EC2, S3, Lambda, RDS)

• Other Skills:

Object-oriented programming, Functional Programming, Agile development, Design patterns

WORK EXPERIENCE

- **Infrasoft software house** Kuwait City, Kuwait - Remote
Full Stack Engineer April 2023 – Present
 - Maintained a robust suite of scalable full-stack applications using **React, TypeScript, Java, Spring Boot, and MySQL** and containerized with **Docker**.
 - Deployed applications on **AWS** using **Git** within a Scrum framework and Continuous Integration environment.
- **GeoGebra** Linz, Austria
Frontend Engineer August 2022 – April 2023
 - Directed highly accessible and reusable UI components in **React, Next.js, TypeScript** using **Tailwind, Radix UI**, focusing on UX, optimization, and bundling; and offered documentation with **Storybook**.
 - Ensured a 100% Lighthouse score for SEO and performance by optimizing assets, implementing server-side rendering (SSR), and improving Core Web Vitals.
 - Migrated 100+ test cases from Enzyme to **React Testing Library**, improving test reliability and alignment with React best practices.
 - Conducted code review processes within a team of 7 engineers in an agile environment, focusing on enhancing best practices, functionality and readability.
- **Oncoustics** Toronto, Canada - Remote
Full Stack Engineer May 2022 – August 2022
 - Built 2 scalable pixel-perfect full stack web applications with **Next.js, React Query, and Typescript**, leveraging **Node.js, NestJS** for REST Webservices.
 - Executed the installation and configuration of a **MongoDB** environment for two full-stack web applications, ensuring seamless data migration.
- **Aschl Management Systems** Schluesslberg, Austria
Full Stack Engineer October 2020 – August 2022
 - Engineered and deployed applications for the web with **Javascript**, mobile and desktop with **Windev** in an MVC pattern.
 - Executed high-performance modifications on existing ERP systems by enhancing querying techniques and achieved 50% faster query performance on **MySQL**.
- **Vodafone** Smart Village, Egypt - Remote
Full-Stack Engineer (Internship) August 2020 – September 2020
 - Developed a data visualization dashboard using **React** and **ECharts**, enabling real-time insights into the data of over 1 million users.
- **Qatar Computing Research Institute** Ar-Rayyan, Qatar - Remote
Software Engineer (Internship) May 2020 – July 2020
 - Built **Python, Node.js** backend applications and created **Docker** images, cutting deployment time by 50%.

EDUCATION

- **Nile University** Giza, Egypt
B.S. in Computer Engineering; GPA: 3.76 - High Honors July 2022
- **University of Applied Sciences Upper Austria** Hagenberg, Austria
Semester abroad September 2020 – February 2021

VOLUNTEER EXPERIENCE

- **Secretariat at Nile international MUN (NIMUN)** Giza, Egypt
Formulated workshops and lead teams of variant numbers in 2 conferences. March 2021 – December 2021
- **Community Service member at Nile University Student Union** Giza, Egypt
Spearheaded the planning of 5 events on environmental action and physical health. January 2018 – January 2019